

### REMARKS

This Amendment is filed in response to the Final Official Action dated January 22, 2008. Claims 3, 7, 12 through 18, 25, 27, 30, 32, 36 through 38 and 41 have been amended. Claims 1, 2, 8, 10 and 35 have been cancelled. Claims 9, 11 and 29 have been previously cancelled. The application now includes claims 3 through 7, 12 through 28, and 30 through 34 and 36 through 47, with claims 17, 25, 27, 32, 36 and 41 being independent claims. Favorable reconsideration of the application, as amended, is respectfully requested.

In the Final Office Action, the Examiner noted that the name provided for the cited patent number in the Supplemental Information Disclosure Statement filed on December 7, 2007 is incorrect. However, there was actually a typographical error in which two of the digits in the patent number were transposed. Accordingly, applicants have enclosed a Revised Supplemental Information Disclosure Statement with the corrected patent number for consideration by the Examiner since the original Supplemental Information Disclosure Statement was filed and the fee paid before the present Final Office action was issued.

In the Final Office Action, the Examiner objected to claims 1 through 8, 10, 12 through 24, 30, 31, 35 through 38 and 40 through 47 because of certain informalities. Applicants have amended independent claims 17, 36 and 41 to address the specific informalities and respectfully request that the Examiner withdraw his objection to the claims. Additionally, the amendment of independent claims 17, 36 and 41 also corrects the same deficiencies in all claims dependent upon these independent claims. Accordingly, applicants also respectfully request that the Examiner also withdraw his objection to the claims that are dependent upon independent claims 17, 36 and 41.

In the Final Office Action, the Examiner rejected claims 7 and 17 under 35 U.S.C. §112, second paragraph, as being indefinite. Applicants have amended claims 7 and 17 to address the specific concerns presented by the Examiner. Accordingly, applicants respectfully request that the Examiner withdraw his objections to the claims.

Regarding independent claim 17, in the Amendment filed on December 7, 2007, applicants rewrote claim 17 in independent form to include all of the limitations of base claim 1 and all intervening claims. The Examiner had, in the Official Letter dated September 5, 2007, rejected claim 17 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,264,289 to Franke et al. reference in view of U.S. Patent No. 5,737,188 to Flierl et al. and U.S. Patent No. 6,195,261 to Babutzka et al. The Examiner stated that the Franke et al. reference discloses integrating various braking system electronics and motion sensors into a common housing while the Flierl et al. reference addresses the problem of packaging electronics/sensors in a single housing. The Examiner also stated that the Babutzka et al. reference discloses various configurations involving one or more substrates oriented to align motion sensors disposed within a housing with vehicle reference axes.

As described in the Amendment filed on December 7, 2007, rewritten claim 17 recites a second circuit substrate that is mounted upon a generally L-shaped leadframe with the L-shaped leadframe mounted upon and electrically connected to a first circuit substrate. Nothing in the cited references shows or suggests an L-shaped leadframe mounted upon a first circuit substrate and carrying a second circuit substrate. Accordingly, applicants stated that they believed that rewritten claim 17 is patentable over the art of record and respectfully requested that the claim be allowed. Applicants note that, in the Final Office Action, the Examiner did not provide a further substantive reason for again rejecting claim 17, but, instead raised an informality objection and rejected the claim under 35 U.S.C. §112, second paragraph. Therefore, with the amendment of claim 17 to address the informality issue and to overcome the rejection under 35 U.S.C. §112, second paragraph, applicants believe that claim 17 is now in allowable form. Accordingly, applicants respectfully request that the Examiner allow independent claim 17 and all claims that are dependent thereupon.

In the Official Letter dated September 5, 2007, the Examiner stated that independent claims 36 and 41 would be allowable if rewritten to overcome the rejections under 35 U.S.C. §112, second paragraph, and to include all of the limitations of the base claim and any intervening claims. Applicants amended

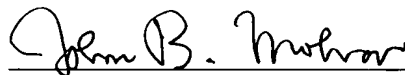
independent claims 36 and 41 in the Amendment filed on December 7, 2007 to include all of the limitations of the base claim and any intervening claims. However, as described above, the Examiner objected to certain informalities in amended claims 36 and 41. With the correction of these formalities in the present amendment, applicants believe that the claims have been placed in an allowable form. Accordingly, applicants respectfully request that the Examiner allow independent claims 36 and 41 and all claims that are dependent upon the claims.

In the Final Office Action, the Examiner stated that claims 25 through 28, 32 through 34 and 39 are allowed. However, upon reviewing the claims, the undersigned attorney noted that independent claim 27 appeared to need clarification regarding which circuit substrate is referred to in line 4. Accordingly, claim 27 has been amended in a manner similar to claims 36 and 41. Additionally, independent claim 25 has been amended to correct a spelling error.

Applicants have amended a number of dependent claims to depend upon allowable base claims. Accordingly, applicants respectfully request that the Examiner allow the amended dependent claims.

Applicants believe that the application is now in condition for allowance.

Respectfully submitted,



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Enclosure

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